

## **AGENDA ITEM 4B**

### **Discussion—Arterial Street Improvement Program (ASIP)**

# Memorandum



**To:** Planning Commission

**From:** John Kottmann, City Engineer

**Date:** 5/8/2014

**Re:** Arterial Street Improvement Program (ASIP)

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## BACKGROUND

In 2004 a study was done by HDR of roadway needs in Douglas and Sarpy Counties. This study concluded that there was a need for \$30 million per year in 2004 dollars growing to \$42 million per year by 2025. This study had many assumptions and generalizations that could be debated but it is clear that funding falls far short of the needs if growth and development is to continue in the Omaha metro area. The base level of federal funding to the MAPA region is \$13 million per year for transportation projects. For several reasons this funding is not expected to increase and federal policies will prioritize this money for multimodal and environmental justice corridors rather than suburban development. Local sources of funds will be required in order to address roadway needs. Omaha and Douglas County implemented an Arterial Street Improvement Program (ASIP) in 2006.

Within Sarpy County, the Sarpy County Board is currently very close to enacting this program, and the city of Papillion has indicated a desire to adopt it as well. Other communities in Sarpy County are less interested.

The program that is presented for discussion is the same as that being considered by Papillion. The fees proposed are the same as proposed for Sarpy County and Papillion. These were set to be very close to those being charged by Douglas County and the city of Omaha except that a lower fee is proposed for non-retail commercial and industrial development.

A more detailed report will be presented during the Planning Commission meeting.

## CITY OF LA VISTA ARTERIAL STREET IMPROVEMENT PROGRAM



MAY 6, 2014 COUNCIL MEETING

## Transportation Funding

### THE FUNDING CHALLENGES

|                                                                                                                   |                                                   |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| HDR STUDY IN 2004-DOUGLAS & SARPY COUNTIES<br>ADDITIONAL FUNDING NEEDS<br>(OPERATION, MAINTENANCE & CONSTRUCTION) | \$30 MILLION/YR (2004)<br>\$42 MILLION/YR (2025)  |
| MAPA FEDERAL STP ALLOCATION<br>INFLATES AT 3% PER YEAR FROM 2014                                                  | \$13 MILLION/YR                                   |
| MAPA 2015 TO 2020 TRANS. IMPR. PLAN<br>(ESTIMATE OF REVENUE AT CURRENT LEVELS)                                    | \$167 MILLION IN PLAN<br>\$ 87 MILLION IN REVENUE |
| FEDERAL FUND PRIORITIES IN THE FUTURE                                                                             | TRANSIT CORRIDORS<br>ENV. JUSTICE AREAS           |
| HIGHWAY TRUST FUND                                                                                                | RUNS DRY SEPT. 2014                               |

## Transportation Funding

### LOCAL FUNDING OPTIONS

DEVELOPER CONTRIBUTIONS (ASIP OR SIMILAR FEES)  
LOCAL OPTION SALES TAX  
OCCUPATION TAX  
STATE HWY. ALLOCATION FUND (STATE OR LOCAL FUEL TAX)

## ASIP Fee Option

### BACKGROUND COMMENTS

CITY OF LINCOLN HAS IMPACT FEES FOR ARTERIAL STREETS  
OMAHA & DOUGLAS COUNTY ADOPTED ASIP IN 2005/2006  
(OMAHA DOES NOT APPLY IN CITY LIMITS)  
SARPY COUNTY IS CURRENTLY PROCEEDING TO ADOPT ASIP  
PAPILLION IS CURRENTLY CONSIDERING ADOPTION OF ASIP

**Board of Public Roads Classifications and Standards**  
**Form 11 Report of Previous Year**  
**Highway or Street Improvement**

Year Ending 2013 Sheet 1 of 2

| COUNTY:                                                                                                                                                                                                                                          | CITY: <b>LA VISTA</b>                        | VILLAGE:                         |                     |                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------|---------------------|-----------------------------------------|
| PROJECT NUMBER & DESCRIPTION                                                                                                                                                                                                                     | LENGTH<br>Nearest Tenth<br>(MILES)           | PROJECTED<br>COST<br>(THOUSANDS) | CONTRACT<br>PROJECT | DATE COMPLETED<br>(ACTUAL OR ESTIMATED) |
| <b>M376 (190)</b><br><b>Intersection of 132<sup>nd</sup> Street<br/>and West Giles Road</b><br>Short Term Road Improvements                                                                                                                      | <b>0.20</b>                                  | <b>2,900.0</b>                   | <b>YES</b>          | <b>IN PROGRESS</b>                      |
| <b>M376 (195)</b><br><b>Quiet Zone</b><br>(At 130th Street and West Giles Road.;<br>126th Street South of West Giles Road;<br>132nd Street South of Centech Road)<br>Railroad Crossing Quiet Zone Improvements                                   | <b>0.50</b>                                  | <b>159.9</b>                     | <b>Yes</b>          | <b>Completed<br/>November 2013</b>      |
| <b>M376 (176)</b><br><b>Intersection of Lillian Avenue<br/>and James Avenue</b><br>Reconstruct Intersection                                                                                                                                      | <b>0.01</b>                                  | <b>108.0</b>                     | <b>Yes</b>          | <b>Completed<br/>October 2013</b>       |
| <b>M376 (206)</b><br><b>Storm Sewer Inlet Top Repair</b><br>(72nd Street, 96th Street,<br>Harrison Street, Giles Road)<br>Replace Damaged and Deteriorated<br>Storm Inlet Tops                                                                   | <b>0.02</b>                                  | <b>55.0</b>                      | <b>Yes</b>          | <b>Completed<br/>August 2013</b>        |
| <b>M376 (215)</b><br><b>120<sup>th</sup> Street and Giles Road</b><br>Install Traffic Signal<br>And Additional Turn Bays                                                                                                                         | <b>0.01</b>                                  | <b>280.0</b>                     | <b>Yes</b>          | <b>In Progress</b>                      |
| <b>M376 (209)</b><br><b>Giles Road</b><br><b>Traffic Signal Coordination</b><br>(From Interstate 80 to 108 <sup>th</sup> Street)<br>Engineering for the Interconnection of the<br>Traffic Signals from Interstate 80 to 108 <sup>th</sup> Street | <b>1.00</b>                                  | <b>16.3</b>                      | <b>Yes</b>          | <b>Completed<br/>March 2013</b>         |
| <b>M376 (209)</b><br><b>Giles Road</b><br><b>Traffic Signal Coordination</b><br>(From Interstate 80 to 108 <sup>th</sup> Street)<br>Construction to Interconnect the Traffic Signals from<br>Interstate 80 to 108 <sup>th</sup> Street           | <b>1.00</b>                                  | <b>81.3</b>                      | <b>Yes</b>          | <b>Completed<br/>December 2013</b>      |
| SIGNATURE:                                                                                                                                                                                                                                       | TITLE: <b>STREET SUPERINTENDENT (S-1046)</b> |                                  |                     | DATE: <b>03/04/2014</b>                 |





**Board of Public Roads Classifications and Standards**  
**Summary of Six- Year Plan**  
**Six-Year Period Ending – 2019**

| COUNTY:      |                 | CITY:<br><b>LA VISTA</b>                        |                                                                                                                                                                                                                                                                   | VILLAGE:                           |                                  |
|--------------|-----------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|
| PROJECT YEAR | PRIORITY NUMBER | PROJECT NUMBER                                  | PROJECT DESCRIPTION                                                                                                                                                                                                                                               | LENGTH<br>Nearest Tenth<br>(MILES) | ESTIMATED COST<br>(THOUSANDS)    |
| 2014         | 1               | M376 (190)                                      | <b>Intersection of 132<sup>nd</sup> Street and West Giles Road</b><br>Short Term Road Improvements                                                                                                                                                                | 0.20                               | 2,900.0                          |
| 2014         | 2               | M376 (224)                                      | <b>Intersection of Eastport Parkway and Harrison Street</b><br>Install Traffic Signal at Intersection                                                                                                                                                             | 0.01                               | 150.0                            |
| 2014         | 3               | M376 (215)                                      | <b>120<sup>th</sup> Street and Giles Road</b><br>Install Traffic Signal<br>And Add Additional Turn Bays                                                                                                                                                           | 0.01                               | 240.0                            |
| 2014         | 4               | M376 (225)                                      | <b>West Papio Trail</b><br>(90th Street to Giles Road)<br>Extend Trail Along West Papio Creek                                                                                                                                                                     | 1.50                               | 885.0                            |
| 2015         | 5               | M376 (189)                                      | <b>66<sup>th</sup> Street</b><br>(Harrison Street to Giles Road)<br>and<br><b>Giles Road</b><br>(66 <sup>th</sup> Street to 69 <sup>th</sup> Street)<br>Short Term Repairs<br><br>Engineering for the Reconstruction of<br>Giles Road and 66 <sup>th</sup> Street | 1.30                               | 100.0<br><br>75.0<br><hr/> 175.0 |
| 2015         | 6               | M376 (220)                                      | <b>84<sup>th</sup> Street</b><br>(From Harrison Street to Giles Road)<br>Adaptive Traffic Signals                                                                                                                                                                 | 1.00                               | 37.5                             |
| 2015         | 7               | M376 (222)                                      | <b>Intersection of 96<sup>th</sup> Street and Robin Plaza</b><br>Install Traffic Signals at Intersection                                                                                                                                                          | 0.01                               | 150.0                            |
| SIGNATURE:   |                 | TITLE:<br><b>STREET SUPERINTENDENT (S-1046)</b> |                                                                                                                                                                                                                                                                   | DATE:<br><b>03/04/2014</b>         |                                  |

**Board of Public Roads Classifications and Standards**  
**Summary of Six- Year Plan**  
**Six-Year Period Ending – 2019**

| COUNTY:      |                 | CITY:<br><b>LA VISTA</b> |                                                                                                                                                                                                                                                   | VILLAGE:                           |                               |
|--------------|-----------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| PROJECT YEAR | PRIORITY NUMBER | PROJECT NUMBER           | PROJECT DESCRIPTION                                                                                                                                                                                                                               | LENGTH<br>Nearest Tenth<br>(MILES) | ESTIMATED COST<br>(THOUSANDS) |
| 2016         | 8               | M376 (189)               | <b>66<sup>th</sup> Street</b><br>(Harrison Street to Giles Road)<br>and<br><b>Giles Road</b><br>(66 <sup>th</sup> Street to 69 <sup>th</sup> Street)<br>Engineering for the Reconstruction of<br>Giles Road and 66 <sup>th</sup> Street Continued | 1.30                               | 250.0                         |
| 2017         | 9               | M376 (202)               | <b>Harrison Street Bridge</b><br>(At Approximately 92 <sup>nd</sup> Street)<br>Concrete Bridge Repair                                                                                                                                             | 0.02                               | 115.0                         |
| 2017         | 10              | M376 (201)               | <b>Harrison Street</b><br>(La Vista Drive to Interstate 80<br>Right of Way)<br>Replace Concrete Panels in Various Locations                                                                                                                       | 2.80                               | 300.0                         |
| 2017         | 11              | M376 (219)               | <b>Giles Road</b><br>(Harrison Street to Interstate 80)<br>Asphalt Overlay                                                                                                                                                                        | 0.29                               | 317.0                         |
| 2018         | 12              | M376 (228)               | <b>East La Vista</b><br>(From Harrison Street to Thompson Creek;<br>69 <sup>th</sup> Street to 72 <sup>nd</sup> Street)<br>Mill Off Existing Asphalt Overlays<br>Adjust Manholes<br>Asphalt Driveway Approaches                                   | 2.56                               | 200.0                         |
| 2019         | 13              | M376 (211)               | <b>132<sup>nd</sup> Street and<br/>West Giles Road Overpass</b><br>Preliminary Design and Right of Way<br>Acquisition for Long Term Improvements<br>Including New Bridge Over Creek<br>and Railroad Tracks                                        | 0.20                               | 2,500.0                       |
| SIGNATURE:   |                 |                          | TITLE:<br><b>STREET SUPERINTENDENT (S-1046)</b>                                                                                                                                                                                                   | DATE:<br><b>03/04/2014</b>         |                               |



**Board of Public Roads Classifications and Standards**  
**Summary of Six- Year Plan**  
**Six-Year Period Ending – 2019**

| COUNTY:      |                 | CITY:<br><b>LA VISTA</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | VILLAGE:                           |                               |
|--------------|-----------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| PROJECT YEAR | PRIORITY NUMBER | PROJECT NUMBER           | PROJECT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LENGTH<br>Nearest Tenth<br>(MILES) | ESTIMATED COST<br>(THOUSANDS) |
| 2019         | 14              | M376 (191)               | <b>132<sup>nd</sup> Street and West Giles Road Overpass</b><br>Long Term Improvements Including New Bridge Over Creek and Railroad Tracks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.20                               | 9,200.0                       |
| 2019         | 15              | M376 (217)               | <b>84<sup>th</sup> Street</b><br>(Harrison Street to Giles Road)<br>4" Bonded Concrete Overlay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.00                               | 1,000.0                       |
| 2019         | 16              | M376 (226)               | <b>Park View Boulevard</b><br>(72 <sup>nd</sup> Street to 84 <sup>th</sup> Street)<br><b>78<sup>th</sup> Street</b><br>(Harrison Street to Park View Boulevard)<br><b>Edgewood Boulevard</b><br>(Giles Road to Park View Boulevard)<br>Asphalt Microsurfacing                                                                                                                                                                                                                                                                                                                                                                                   | 2.16                               | 345.0                         |
| 2019         | 17              | M376 (227)               | <b>Park View Boulevard</b><br>(86 <sup>th</sup> Street to Thornapple Lane)<br><b>89<sup>th</sup> Street</b><br>(Valley View Drive to Granville Parkway)<br><b>88<sup>th</sup> Street</b><br>(Park View Boulevard to Granville Parkway)<br><b>87<sup>th</sup> Street</b><br>(Giles Road to Bayberry Road)<br><b>Granville Parkway</b><br>(Brentwood Drive to Elm Drive)<br><b>Plaza Boulevard</b><br>(Harrison Street to 85 <sup>th</sup> Street)<br><b>86<sup>th</sup> Street</b><br>(Park View Boulevard to Plaza Boulevard)<br><b>Valley View Drive</b><br>(Park View Boulevard to Elm Drive)<br>Replace Concrete Panels in Various Locations | 1.50                               | 300.0                         |
| 2019         | 18              | M376 (229)               | <b>Storm Sewer Inlet Top Repair</b><br>(72nd Street, 96th Street, Harrison Street, Giles Road)<br>Replace Damaged and Deteriorated Storm Inlet Tops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.02                               | 75.0                          |
| SIGNATURE:   |                 |                          | TITLE:<br><b>STREET SUPERINTENDENT (S-1046)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DATE:<br><b>03/04/2014</b>         |                               |

**Board of Public Roads Classifications and Standards**  
**Summary of Six- Year Plan**  
**Six-Year Period Ending – 2019**

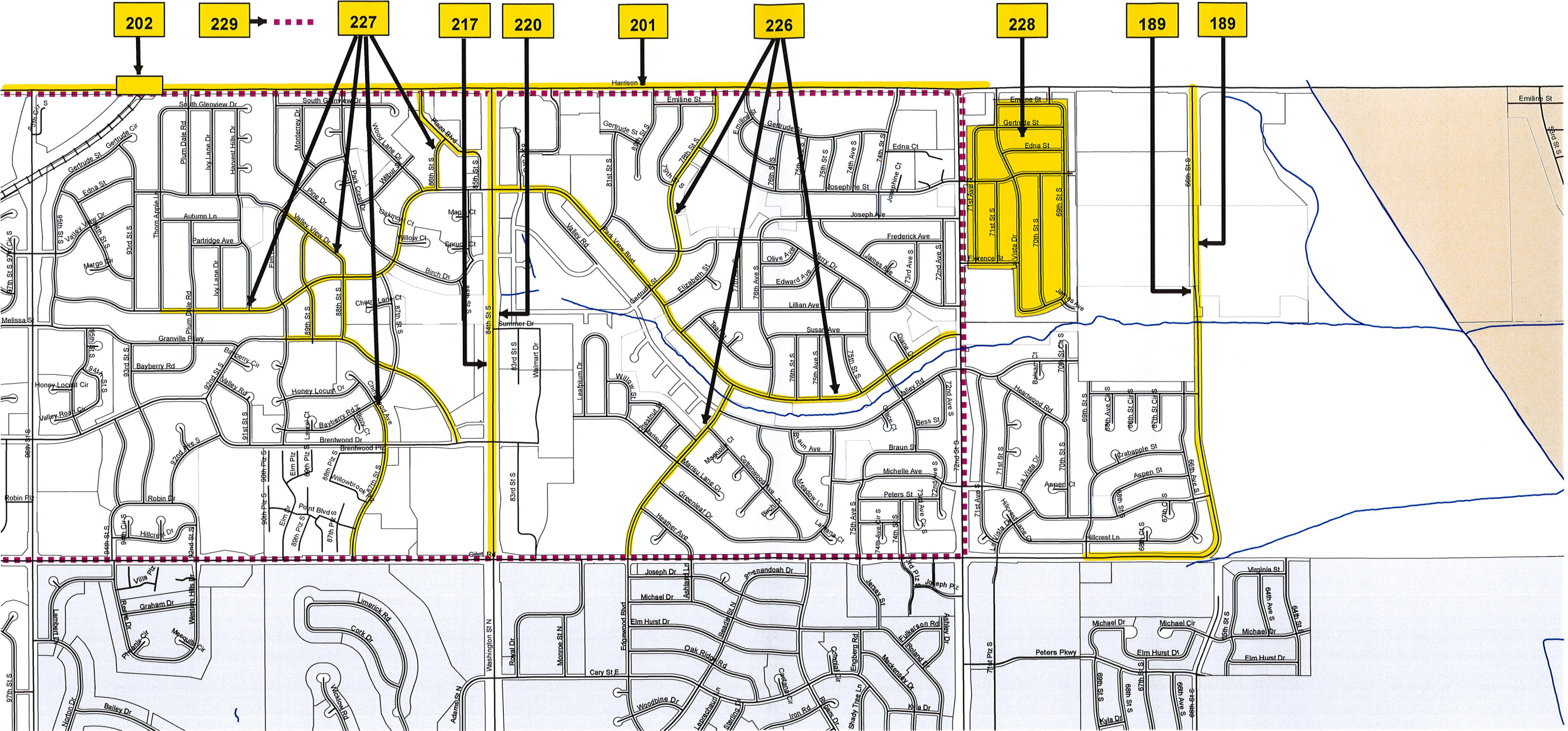
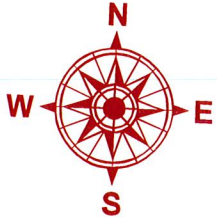
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|----------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|-------------------------------------------|
| COUNTY:                                                                    |                            | CITY:<br><b>LA VISTA</b>                                                                                                                                                                                                                                                                                                                                   |                            | VILLAGE:                                    |                                           |
| <b>PROJECT<br/>YEAR</b>                                                    | <b>PRIORITY<br/>NUMBER</b> | <b>PROJECT<br/>NUMBER</b>                                                                                                                                                                                                                                                                                                                                  | <b>PROJECT DESCRIPTION</b> | <b>LENGTH<br/>Nearest Tenth<br/>(MILES)</b> | <b>ESTIMATED<br/>COST<br/>(THOUSANDS)</b> |
| <b>THE PROJECTS LISTED BELOW HAVE BEEN DELETED FROM THE SIX- YEAR PLAN</b> |                            |                                                                                                                                                                                                                                                                                                                                                            |                            |                                             |                                           |
| <b>DELETED</b>                                                             | M376 (204)                 | <b>Island Removal – Phase I</b><br>(Aspen Court, Hillcrest Lane Court,<br>Primrose Circle, Crabapple Court,<br>Wildwood Court, Michelle Circle,<br>Oakmont Court)<br>Remove Islands and Pave with Concrete                                                                                                                                                 |                            | 0.02                                        | 208.0                                     |
| <b>DELETED</b>                                                             | M376 (184)                 | <b>Park View Boulevard</b><br>(87 <sup>th</sup> Street to Thornapple Lane)<br><b>89<sup>th</sup> Street</b><br>(Park View Boulevard<br>to Granville Parkway.)<br><b>88<sup>th</sup> Street</b><br>(Park View Boulevard<br>to Granville Parkway)<br>Replace Concrete Panels in Various Locations                                                            |                            | 0.50                                        | 111.0                                     |
| <b>DELETED</b>                                                             | M376 (188)                 | <b>87<sup>th</sup> Street</b><br>(Giles Road to Bayberry Road)<br><b>87<sup>th</sup> Street</b><br>(Park View Boulevard<br>to Granville Parkway)<br><b>Granville Parkway</b><br>(Brentwood Drive to Elm Drive)<br>Replace Concrete Panels in Various Locations                                                                                             |                            | 0.51                                        | 135.0                                     |
| <b>DELETED</b>                                                             | M376 (185)                 | <b>Plaza Boulevard</b><br>(Harrison Street to 85 <sup>th</sup> Street)<br><b>86<sup>th</sup> Street</b><br>(Park View Boulevard to Plaza<br>Boulevard)<br><b>Valley View Drive</b><br>(Park View Boulevard to Elm Drive)<br><b>89<sup>th</sup> Street</b><br>(Park View Boulevard<br>to Valley View Drive)<br>Replace Concrete Panels in Various Locations |                            | 0.50                                        | 111.0                                     |
| SIGNATURE:                                                                 |                            | TITLE:<br><b>STREET SUPERINTENDENT (S-1046)</b>                                                                                                                                                                                                                                                                                                            |                            | DATE:<br><b>03/04/2014</b>                  |                                           |

**Board of Public Roads Classifications and Standards**  
**Summary of Six- Year Plan**  
**Six-Year Period Ending – 2019**

|                         |                            |                           |                                                                                                                                                                                                                                      |                                             |                                           |
|-------------------------|----------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------|
| COUNTY:                 |                            | CITY:<br><b>LA VISTA</b>  |                                                                                                                                                                                                                                      | VILLAGE:                                    |                                           |
| <b>PROJECT<br/>YEAR</b> | <b>PRIORITY<br/>NUMBER</b> | <b>PROJECT<br/>NUMBER</b> | <b>PROJECT DESCRIPTION</b>                                                                                                                                                                                                           | <b>LENGTH<br/>Nearest Tenth<br/>(MILES)</b> | <b>ESTIMATED<br/>COST<br/>(THOUSANDS)</b> |
| <b>DELETED</b>          |                            | M376 (208)                | <b>Crestview Heights</b><br>(From Harrison Street to Josephine<br>Street,<br>74 <sup>th</sup> Street to Gertrude Street)<br>Repair Concrete Panels in Various Locations                                                              | 0.50                                        | 260.0                                     |
| <b>DELETED</b>          |                            | M376 (210)                | <b>107<sup>th</sup> Street and Giles Road</b><br>Install Traffic Signal                                                                                                                                                              | 0.01                                        | 150.0                                     |
| <b>DELETED</b>          |                            | M376 (207)                | <b>84<sup>th</sup> Street and Summer Drive</b><br>Reconstruct West Leg of Intersection<br>to Allow for Westbound Travel                                                                                                              | 0.50                                        | 520.0                                     |
| <b>DELETED</b>          |                            | M376 (223)                | <b>East La Vista</b><br>(From Harrison Street to Thompson<br>Creek;<br>69 <sup>th</sup> Street to 72 <sup>nd</sup> Street)<br>3" Concrete Overlay;<br>Replace Drive Approaches;<br>Replace Sanitary Sewer System                     | 2.58                                        | 3,841.0                                   |
| <b>DELETED</b>          |                            | M376 (213)                | <b>72nd Street</b><br>(Valley Road to Harrison Street)<br>Feasibility Study for Road Improvements<br>on 72nd Street Including Both<br>Right and Left Turn Lanes                                                                      | 0.60                                        | 80.0                                      |
| <b>DELETED</b>          |                            | M376 (205)                | <b>Island Removal – Phase II</b><br>(Diane Court, Ava Court,<br>Susan Court, South Glenview Drive,<br>Redwood Court, Walnut Court,<br>Maple Court, Spruce Court)<br>Remove Islands and Pave with Concrete.<br>Relocate Fire Hydrants | 0.02                                        | 156.0                                     |
| <b>DELETED</b>          |                            | M376 (216)                | <b>72<sup>nd</sup> Street</b><br>(Valley Road to Giles Road)<br>Replace Concrete Panels in Various Locations                                                                                                                         | 0.40                                        | 300.0                                     |
| <b>DELETED</b>          |                            | M376 (218)                | <b>Various Locations</b><br>Bridge Approach Slab Repairs;<br>Bridge Expansion Joint Repairs;<br>Bridge Guardrail Repairs                                                                                                             | 0.02                                        | 200.0                                     |
| SIGNATURE:              |                            |                           | TITLE:<br><b>STREET SUPERINTENDENT (S-1046)</b>                                                                                                                                                                                      | DATE:<br><b>03/04/2014</b>                  |                                           |



# City of La Vista





City of La Vista  
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